## AMENDMENTS TO THE CLAIMS

**This listing of claims will replace all prior versions and listings of claims in the application:**

## LISTING OF CLAIMS:

Claims 1-21 (canceled).

22. (new): An image processing system for carrying out image processing on an image recorded on a color photographic photosensitive material which has at least three types of photographic photosensitive layers containing blue-light-photosensitive, green-light-photosensitive, and red-light-photosensitive silver halide emulsions on a light transmissible supporting member, and which is processed such that a silver image is generated in the photographic photosensitive layers after exposure of an image, said image processing system comprising:

a light source for irradiating light to a front side and a back side of the color photographic photosensitive material;

a reading sensor for reading image information by light reflected from the front side and the back side of the color photographic photosensitive material, and light transmitted through the color photographic photosensitive material;

reading means for reading a DX code which is recorded on the photosensitive material; and

means for image processing the image information based on image processing conditions which are set in advance and correspond to the DX code.

23. (new): The image processing system according to claim 22, wherein the image processing conditions are color correction conditions.

24. (new): The image processing system according to claim 22, wherein the image processing conditions are gradation correction conditions.

25. (new): An image processing system for carrying out image processing on an image recorded on a color photographic photosensitive material which has at least three types of photographic photosensitive layers containing blue-light-photosensitive, green-light-photosensitive, and red-light-photosensitive silver halide emulsions on a light transmissible supporting member, and which is processed such that a silver image is generated in the photographic photosensitive layers after exposure of an image, said image processing system comprising:

a light source for irradiating light to a front side and a back side of the color photographic photosensitive material;

a reading sensor for reading image information by light reflected from the front side and the back side of the color photographic photosensitive material, and light transmitted through the color photographic photosensitive material;

reading means for reading a DX code which is recorded on the photosensitive material; and

control means for reading the image information based on reading control conditions which are set in advance and correspond to the DX code.

26. (new): The image processing system according to claim 25, wherein the reading control conditions are light-amount control conditions for the light source.